Software Requirement Specification: SocialEase

SUNSTONE

Contents

Project Plan: SocialEase

1. ---- **Introduction**

- This document lays out a project plan for the development of the "SocialEase" social media web application system by "SocialEase".

- The intended readers of this document are current and future developers working on "SocialEase". The plan will include, but is not restricted to, a summary of the system functionality, the scope of the project from the perspective of the "SocialEase" team (me and my mentors), scheduling and delivery estimates, the process by which I will develop the project, and metrics and measurements that will be recorded throughout the project.

- The primary objective of this application is to create a user-friendly platform that facilitates communication, community building, and content sharing.

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2. ---- **Overview**

- In today's world, owning to the heavy workload on the employees, they are having a huge amount of stress in their lives. Even with the presence of so many gadgets in and around them, they are not able to relieve their stress.

- The Social Media Web Application is a platform that allows users to connect with each other, share content, and engage in social interactions online. Through our platform, We'll enable them to meet people who share their interests and passions, chat with them, and have some fun.

- By using this platform, the users can easily manage their regular day-to-day life by spending their time in a joyful manner.

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3. - - - - **Customers**

- Anyone can use this application ranging from a child to an old-age person.

4. - - - - **Functional Requirements**

- The application should allow users to register with their email, Facebook or Google accounts. The registration process should include validation of user information and confirmation of account creation.

- Users should be able to create and manage their profiles. The profile should include basic information such as name, profile picture, location, bio, and interests. Users should be able to edit their profiles and add or remove information at any time.

- The application should display a news feed that contains posts from other users. Users should be able to customize their news feed by selecting the type of content they want to see and the users they want to follow.

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Functional Requirements Contd…

- Users should be able to create and post different types of content such as text, photos, videos, and links. The application should allow users to tag other users and include hashtags to make their posts more discoverable. Users should also be able to set the privacy of their posts to public, private, or custom.

- Users should be able to comment on posts and like them. The application should notify users when someone comments on or likes their post.

- Users should be able to send private messages to other users. The messaging feature should allow users to send text messages, photos, videos, and links.

- The application should notify users of new activity such as comments, likes, and messages. Users should be able to customize their notification settings.

- The application should have a search feature that allows users to find other users, groups, and content. The search results should be based on keywords, hashtags, and user preferences.

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5. ----- **Non-Functional Requirements**

- The application should be able to handle a large number of users and posts. The application should be able to load quickly and respond to user interactions in a timely manner.

- The application should ensure the security of user data. The application should use encryption to protect user information and prevent unauthorized access.

- The application should be compatible with different web browsers and operating systems. The application should also be optimized for mobile devices.

- The application should be user-friendly and easy to navigate. The application should provide clear instructions and feedback to users.

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6. ---- **Platform**

- It will be launched as a Web-based application.

7. ---- **Goals and Scopes**

- The scope of this project includes the development of a social media web application that allows users to create profiles, connect with other users, share content, and interact with each other.

- The application will include features such as news feeds, messaging, commenting, liking, and sharing of posts.

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8. — — — — **Deliverables**

The deliverables will contain:

- Feature specification
- Product design
- Test plan
- Development document
- Source code

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9. - - - - **Scheduling**

Milestone	Description	Release Date	Release
			Iteration
M1	Application view and Design (Front-end development)	March 17, 2023	R1
M2	Database integration (Back-end)	April 5, 2023	R1
M3	Integrating database with front-end	April 17, 2023	R1
M4	Testing for initial release	April 21, 2023	R2
M5	Issue tracker, user reviews,	December 1, 2023	R2
	web design integration		
M6	Final release	December 23, 2023	R2

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10. ---- **Technical Process**

Following would be the languages will be used to develop this application:

- Front-end development: Jquery, HTML, CSS, PHP.
- Back-end development: PHP, MySQL.